Contents of Volume 4

Page

Alonso, J. L., and F. J. Ynduráin: On the Continuity of Causal Automorphisms of Space-Time 349

Araki, H., and R. Haag: Collision Cross Sections in Terms of Local Observables 77

Bichteler, K.: On the Cauchy Problem of the Relativistic Boltzmann Equation 352

Borchers, H. J.: A Remark on a Theorem of B. Misra 315

Fischer, J. and R. Raczka: Degenerate Representations of Non-Compact Unitary Groups. II. Continuous Series 8

Grossmann, A.: Homomorphisms and Direct Sums of Nested Hilbert Spaces 190

Grossmann, A.: Fields at a Point 203

Haag, R., s. Araki, H.. 77

Itzykson, C.: Remarks on Boson Commutation Rules 92

Kadison, R. V. and J. R. Ringrose: Derivations and Automorphisms of Operator Algebras. 32

Kadison, R. V.: The Energy Momentum Spectrum of Quantum Fields . . 258

Kundt, W.: Non-Existence of Trouser-Worlds. 143

Langerholc, J., and B. Schroer: Can Current — Operators Determine a Complete Theory?. 123

Lévy-Leblond, J.-M.: Galilean Quantum Field Theories and a Ghostless Lee Model 157

Lovelace, C.: Uniqueness and Symmetry Breaking in S-Matrix Theory . . 261

Ludwig, G.: Attempt of an Axiomatic Foundation of Quantum Mechanics and More General Theories, II 331

Metzger, P.: Spin d'une Particule. 177

Powers, R. T.: Absence of Interaction as a Consequence of Good Ultraviolet Behavior in the Case of a Local Fermi Field 145

Raczka, R., s. Fischer, J. 8

Ringrose, J. R., s. Kadison, R. V. 32

Roffman, E. H.: Unitary and Non-Unitary Representations of the Complex Inhomogeneous Lorentz Group 237

Schroer, B., s. Langerholc, J. 123

Seifert, H.-J.: Ein Satz über geodätische Verbindbarkeit in normalhyperbolischen Räumen 324

Stephani, H.: Über Lösungen der Einsteinschen Feldgleichungen, die sich in einen fünfdimensionalen flachen Raum einbetten lassen 137

Streater, R. F.: The Representations of the Oscillator Group 217

Streit, L.: Test Function Spaces for Direct Product Representations of the Canonical Commutation Relations. 22

Swieca, J. A.: Range of Forces and Broken Symmetries in Many-Body Systems 1

Thirring, W., and A. Wehrl: On the Mathematical Structure of the B.C.S.-Model 303

Uhlenbrock, D. A.: Fermions and Associated Bosons of One-dimensional Model 64

Wehrl, A., s. Thirring, W. 303

Ynduráin, F. J., s. Alonso, J. L.. 349